Docket No.: M4065.0882/P882

ABSTRACT

[0038] A method and apparatus for controlling integration time in an imager. An embodiment provides a CMOS image sensor having a timing control unit which operates a global reset function, a mechanical shutter operation to mechanically end integration time and a rolling readout. The use of a global reset to start an integration period and a mechanical shutter to end an integration period allows the rolling readout to be conducted without blurring.